

Red Challenge ANSWERS

Can I solve word problems?

- 1) Jen has two packets of sweets. There are 11 sweets in each packet. How many sweets does she have **altogether**? **22 sweets**

$$\begin{array}{r} 2 \times 11 = \\ \swarrow \quad \searrow \\ 2 \times 10 \quad 2 \times 1 \\ 20 \quad + \quad 2 \quad = \quad 22 \end{array}$$

- 2) There are 5 pencils pots in a class. In each pot there are 24 pencils. How many pencils are there in a class? **120 pencils**

$$\begin{array}{r} 5 \times 24 = \\ \swarrow \quad \searrow \\ 5 \times 20 \quad 5 \times 4 \\ 100 \quad + \quad 20 \quad = \quad 120 \end{array}$$

- 3) Simon won the spelling competition two times. Each time Simon won he received £43. How much did Simon win **altogether**? **£86**

$$\begin{array}{r} 2 \times 43 = \\ \swarrow \quad \searrow \\ 2 \times 40 \quad 2 \times 3 \\ 80 \quad + \quad 6 \quad = \quad £86 \end{array}$$

- 4) A crate contains 5 packs of 35 bottles of water. How many bottles are there in each crate? **175 bottles**
- 5) Each page of a photo album can hold 5 pictures. There are 29 pages in the photo album. How many pictures does the photo album hold **altogether**? **145 pictures**
- 6) Marbles are sold in bags of 12. A shop has 5 bags of marbles. How many marbles are there **altogether**? **60 marbles**

Yellow Challenge ANSWERS

Can I solve word problems?

- 1) A teacher asks some children to arrange some chairs into 4 rows of forty-nine chairs. How many chairs will there be? **196 chairs**
- 2) A badminton tournament is arranged. Each court is given 35 shuttlecocks each. There are 3 courts. How many shuttlecocks are needed for the tournament? **105 shuttlecocks**
- 3) There are 4 shelves in a classroom. Each shelf has 52 books on it. How many books are there in the classroom? **208 books**
- 4) James collects 5 keyrings from every holiday that he goes on. James has been on 22 holidays. How many keyrings has James collected?
110 keyrings
- 5) How many wheels would 23 tricycles have? **69 wheels**



- 6) Gemma is a keen darts player. One day she throws 8 darts and each dart scores 32 points. How many points does she score? **256 points**

Green Challenge ANSWERS

Can I solve word problems?

- 1) A library has 8 bookcases that contain 67 books each. How many books are there in the library? **536 books**
- 2) Faye invites 6 friends to her party. All of her friends get a box of 21 chicken nuggets for dinner. How many chicken nuggets does Faye have to cook for her friends? **126 chicken nuggets**
- 3) In a dance competition there are 32 teams. Each team has 8 dancers. Each dancer has 5 pairs of dancing shoes. How many pairs of dancing shoes will there be at the dancing competition? **1280 pairs**
- 4) There are 96 crates of 8 strawberries. How many strawberries are there? **768 strawberries**
- 5) There are 8 boxes of chocolates sent out to each shop. Chocolate boxes were delivered to 57 shops. This order was doubled the following week. How many boxes of chocolates were sent out in the following week? **912 boxes**
- 6) For a party, 8 boxes of biscuits are purchased. Each box contains 14 packs of biscuits. Each pack of biscuits has 6 biscuits in. How many biscuits are there altogether? **672 biscuits**